

ABSTRACT

A mount assembly (10) for an arc discharge vessel has a glass stem (12) having a longitudinal axis (14) that includes a flare (16) with a barrel portion (18) and a seal portion (20) containing at least two relatively rigid stem-leads, (22 and 24), projecting therefrom. A relatively rigid wire frame (26) is provided with the frame (26) having a distal end (28) and a proximal end (30). A loop portion (32) is formed at the proximal end (30) and has a diameter substantially equal to the diameter of the barrel (18) and is affixed thereto. The distal end (28) of the wire frame (26) extends away from the barrel portion in a direction transverse to the plane of the loop portion (32). An arc discharge vessel (34, 34a), having a substantially linear configuration and having electrode connections (36) and (38) extending from the ends thereof, is positioned on the longitudinal axis (14) and is affixed to the wire frame. A first of the stem-leads, for example, (22), is fixedly attached to the wire frame (26) near the proximal end (30) and a first of the electrode connections, for example, (36), is affixed to the stem-lead (24). The second the electrode connection (38) is affixed to the wire frame (26) at the distal end (28).